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Date: July 8, 2005

To: Examiner Steven J. Bos
USPTO

Art Unit: 1754

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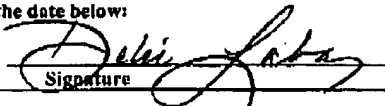
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From: Streets & Steele
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Our Ref: LYNN/0119
Serial No: 09/922,353
Our Deposit Account Log No.: 0701
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Pages: 4 (with cover)

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Attached please find the following documents for the above referenced patent application:

- 1) Request for Certificate of Correction;
- 2) Certificate of Correction; and
- 3) Page one of the U.S. Patent No. 6,908,598 B2.


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**RECEIVED
CENTRAL FAX CENTER****JUL 08 2005**Patent
Atty. Dkt. No. LYNN/0119**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Paul Sylvester

U.S. Patent No. 6,908,598 B2
Issued: June 21, 2005Serial No.: 09/922,353
Filed: August 2, 2001For: Rubidium-82 Generator Based on
Sodium Nonatitanate Support, and
Improved Separation Methods for the
Recovery of Strontium-82 from
Irradiated TargetsCommissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450Group Art Unit: 1754
Examiner: Steven J. Bos

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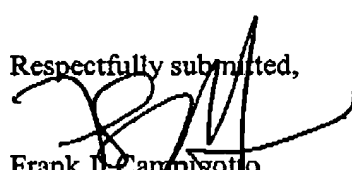
Sir:

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Applicant requests that the attached Certificate of Correction be accepted under 37 C.F.R. § 1.322. The Certificate of Correction includes corrections of mistakes in the title due to error by the Patent Office. This request is made after the issuance of US Patent No. 6,908,598 B2 granted on June 21, 2005. (see attached)

It is believed that no fees are due. In the event an additional fee is required in connection with the enclosed Certificate of Correction, the Commissioner of Patents and Trademarks is authorized to charge our Deposit Account No. 50-0714-LYNN/0119 for the necessary amount.

Respectfully submitted,


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PTO/SB44 (04-04)

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(Also Form PTO-1050)**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**PATENT NO. : **6,908,598 B2**DATED : **June 21, 2005**INVENTOR(S) : **Paul Sylvester**

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

In the title, replace "Rubidium" with
--Rubidium--.

MAILING ADDRESS OF SENDER:

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PATENT NO.

6,908,598 B2

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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.006908598B2

(12) **United States Patent**
Sylvester

(10) Patent No.: **US 6,908,598 B2**
(45) Date of Patent: **Jun. 21, 2005**

(54) **RUBIDLUM-82 GENERATOR BASED ON SODIUM NONATITANATE SUPPORT, AND IMPROVED SEPARATION METHODS FOR THE RECOVERY OF STRONTIUM-82 FROM IRRADIATED TARGETS**

(75) Inventor: **Paul Sylvester, Woburn, MA (US)**

(73) Assignee: **Lynntech, Inc., College Station, TX (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/922,353**

(22) Filed: **Aug. 2, 2001**

(65) **Prior Publication Data**

US 2003/0035772 A1 Feb. 20, 2003

(51) Int. Cl.⁷ **C01D 17/00; C01F 11/00; C01G 23/00**

(52) U.S. Cl. **423/2; 423/249; 423/598; 502/400**

(58) Field of Search **423/598, 2, 249; 502/400; 252/184**

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(Continued)

Primary Examiner—Steven Bos

(74) Attorney, Agent, or Firm—Streets & Steele; Jeffrey L. Streets; Frank J. Campigotto

(57) **ABSTRACT**

Sodium nonatitanate compositions, a method using the composition for recovery of ⁸²Sr from irradiated targets, and a method using the composition for generating ⁸²Rb. The sodium nonatitanate materials of the invention are highly selective at separating strontium from solutions derived from the dissolution of irradiated target materials, thus reducing target processing times. The compositions also have a very low affinity for rubidium, making it an ideal material for use as a ⁸²Rb generator. Sodium nonatitanate materials of this type both improve the recovery of ⁸²Sr and provide a safer, more effective ⁸²Rb generator system.

95 Claims, 2 Drawing Sheets